



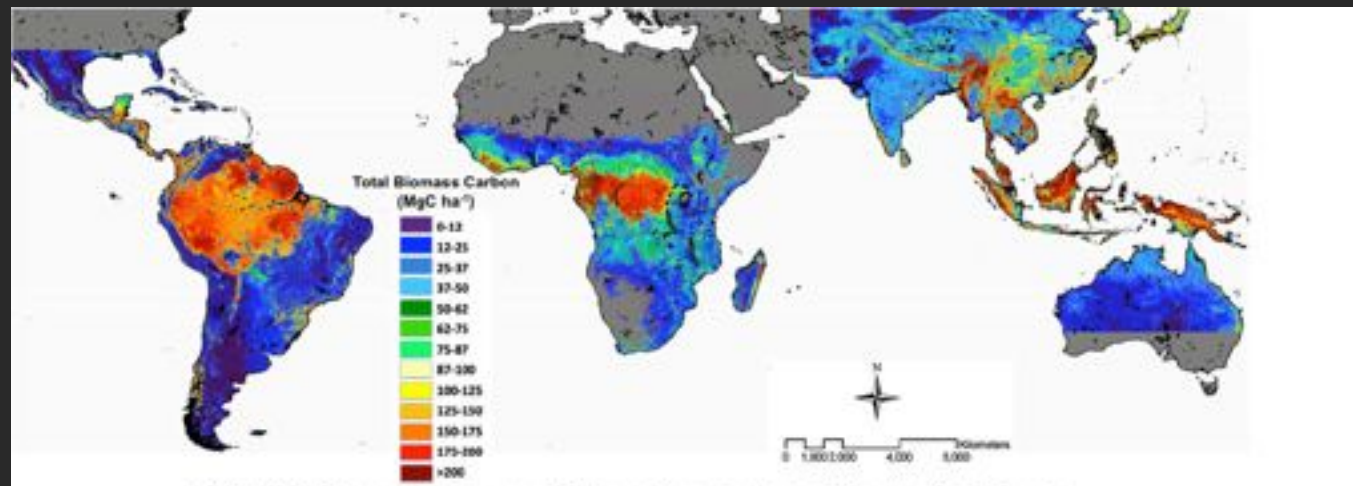
Annual Conference of the Society for Tropical Ecology
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Endorsing REDD+ in the institutional mechanisms: how could tropical forests and voluntary initiatives be affected?

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Introduction

Tropical forests are estimated to stock almost the 25% of all the carbon in the terrestrial biosphere (≈ 470 billion tC)



Source: www.news.mongabay.com/2011/0531-carbon_map.html



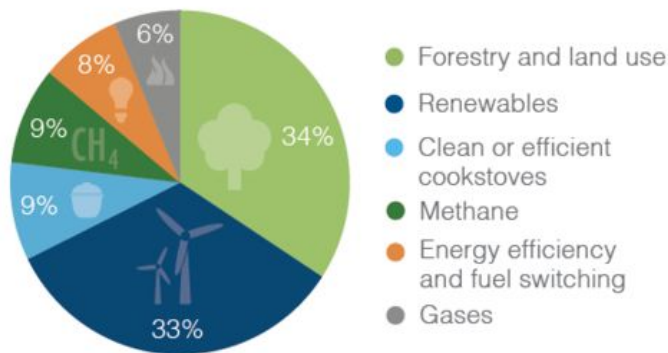
The Voluntary Carbon Market

The VCM entails all those transactions which are not tied to mandatory country targets and it co-exists with compliance markets driven by regulated caps on GHG emissions.



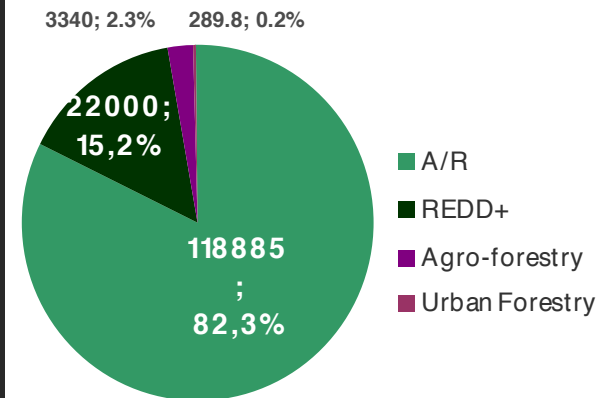
The Voluntary Carbon Market

Market Share by Project Category, Voluntary Carbon Offsets Markets, 2012.



Source: modified from Forest Trends' Ecosystem Marketplace. *State of the Voluntary Carbon Markets 2013*.

Volume of credits sold (tCO₂e and %) according to the project types in the Italian VCM 2012



Source: modified from Nucleo Monitoraggio Carbonio. *Stato del mercato forestale del Carbonio in Italia 2013*.

MARKET SHARE BY BUYER TYPE (% SHARE)



Source: modified from Forest Trends' Ecosystem Marketplace. *State of the Forest Carbon Markets 2013*.



The Trento Province's Offsetting Initiative

In the frame of the Energy – Environmental Plan: reduction for the 2% of its emissions referring to the 1990 levels.

**The 10% of it could be achieved by compensation actions:
300000 tCO₂e → 30000 tCO₂e**



Such interventions have to provide the protection of tropical rainforests, joining the climate and biodiversity defence with the economic and social improvement of the local populations



The Trento Province's Offsetting Initiative

NGOs already accredited in the Trento territory



Combining Development Policies with Climate Policies

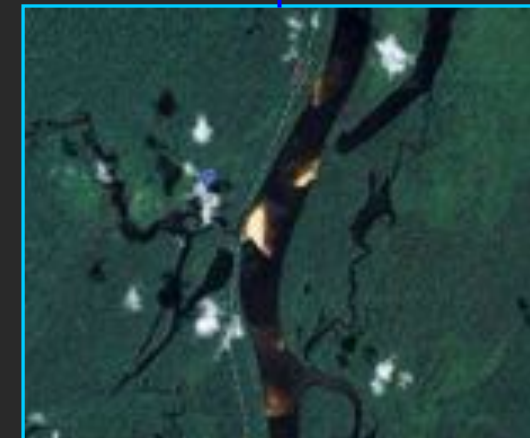
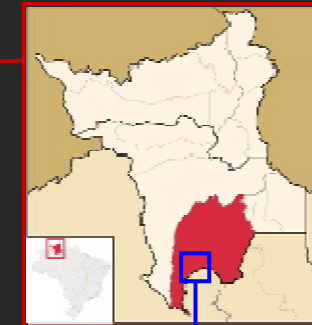
	Promoting association	Project name	Project type	Countries	Ha	Tons of CO ₂	Contribute (1.000 €)
2010	Trentino insieme	Getting REDDy	REDD+	Tanzania + Brazil	2200	30000	100
	Water for Life	Salted terreins	A/R	Somalia	25	2200	100
	ACAV	Koboko	A/R	Uganda	160	22000	53
	Fondazione Fontana	Tree is life	A/R	Kenya	150	35000	100
	ASSFRON	Forestation with acacias	A/R	Uganda	30	3000	100
2012	ACAV	Reforestation in Koboko	A/R	Uganda	160	22000	60000
	Amici Trentini	Reforestation and degraded areas	A/R	Bolivia	40	3600	2400
	ATOUT AFRICAN	COO_BEN_FIX	A/R	Benin	10	11000	68000
	EDUS	Rural development and reforestation	A/R	Mozambico	40	9000	52000
	Nuove energie	Deforestation fight	A/R	Haiti	88	38000	77600
	Shishu	Tekoha sustenavel	A/R	Brazil	17.5	6400	60000
	Trentino insieme	Getting REDDy 2	REDD+	Tanzania + Brazil	1400	22000	62400



Case study: small-scale REDD+ project in Brazil

“Getting REDDy”
Xixuau, Brazil

361.5 ha of
Lowland
Ombrophyllous
Dense Forest

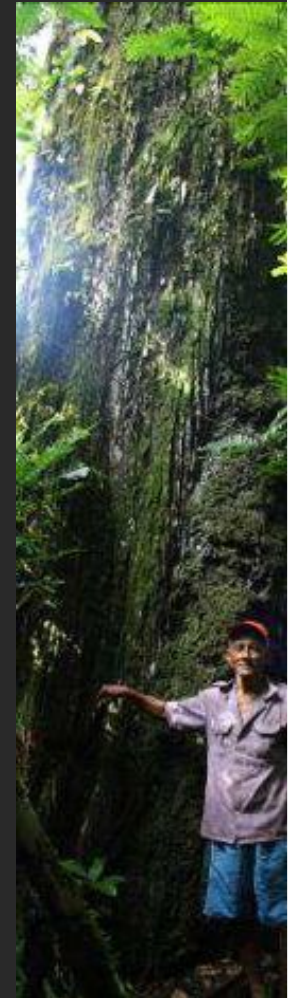




Case study: small-scale REDD+ project in Brazil

- Effective GHG carbon emissions' reduction
- No leakage
- Guaranteed benefits for the beneficiaries (local population)
- Permanence ensured by the active involvement of the local community

The "Getting REDDy" experience shows how REDD+ could sum different activities in the name of the carbon offsetting, although maintaining a low cost-effectiveness





Warsaw negotiations: what to be foreseen for the future?

"...essential progresses have been made in order to set the pathway for governments to work on a draft text of a new universal climate agreement to be put on the Lima table."

Korolec,
President of the COP19 conference

Package of measures:
"Warsaw Framework for REDD+"

If REDD+ wants to ensure environmental integrity should not be "used to offset mitigation commitments by Annex I countries"

Some NGOs belonging to the BASIC countries

A major concern related to the further climate negotiations, is that forests might be dealt with solely under the REDD+ mechanism.

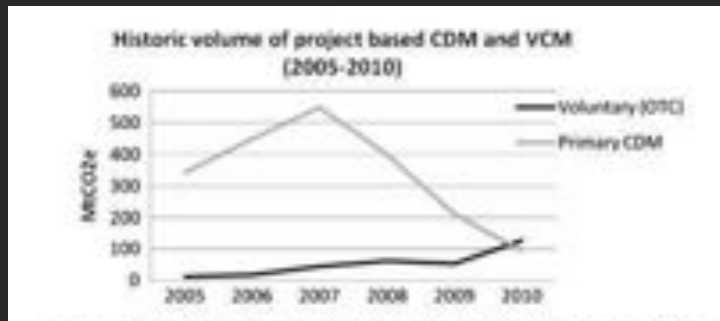
Kovacevic, 2013

Institutionalizing REDD+ is just a strategy in order to feel free to emit.



Conclusions

- **The new compliance system will supplant the VCM:**
it developed under the relatively weak or uncertain regulatory frame
- **VCM will not collapse, but even slightly grow:**
boosted by strengthen regulatory drivers



Source: Benessaiah, 2012.

"there is too much knowledge and expertise and time spent building up these institutions and processes to scrap it all and move to something different"

Ecosystem marketplace, 2013.

"a winning market is always attractive"

Rimmer, Gold Standard Chief Executive Officer

"nobody is exempted of responsibility"

Figueres, UNFCCC Executive Secretary



Conclusions

- To keep operative the VCM, and continue investing on it, means to ensure a great opportunity to **save forests** (and mainly tropical ones) **at a peerless convenient cost-effectiveness**
- VCM has still a lot to tell about **stakeholders' involvement** and **social benefits**
- Negotiators have finally understood that focusing on **multiple-objectives – carbon, livelihoods and biodiversity** – is not that costly and inefficient and could really be a winning solution to save forests

A photograph of a man and a child sitting in a boat on a body of water. The man is shirtless and looking towards the right. The child is wearing a yellow and green patterned shirt and is also looking towards the right. The background shows a sunset sky with clouds and a dark treeline on the shore.

Thank you for
your attention!

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<http://intra.tesaf.unipd.it/pettenella/index.html>